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ISN/MTR - MKENNEDY

E.O. 12958: DECL: 07/30/2034
TAGS: [TSPA](#) [MCTRE](#) [PARM](#) [PREL](#) [MCAP](#) [KS](#)
SUBJECT: KSLV ADDITIONAL INFORMATION RECEIVED

REF: A. STATE 75594 B. SEOUL 01162

Classified By: Minister Counselor for Economic Affairs,
Gregory S. Burton. Reasons: 1.4(b) and (d)

(C) The Space Development Division of the Ministry of
Education, Science and Technology today provided the
following written responses to the questions in Ref A:

- Regarding the dimensions of the motor and second stage, "KM
(solid kick motor) has a dimension of 2.4 m in length and 1 m
in diameter. This includes the motor and nozzle. Second
stage has a dimension of 2 m in diameter."

- Regarding the impulse, "The specific impulse of 285 seconds
is a prediction data at vacuum condition based on the ground
test."

- Regarding the heritage of the second stage motor, "KM is an
absolutely new solid motor specifically designed for the
KSLV-1. It is neither a derivative of an existing motor nor
is it a previously developed motor being used for the KSLV-1
second stage application."
STEPHENS